Status of the University of Michigan Polarized Proton Target*

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The University of Michigan Polarized Proton Target was built in the late 1980's; it uses irradiated NH_3 at 5T and 1 K. It was used in a 1990 experiment in a 24 GeV intense proton beam at the Brookhaven AGS, where its average polarization was about 85%. It is now being upgraded for the 70 GeV SPIN@U-70 experiment at IHEP-Protvino in Russia. Improvements are being made to its superconducting magnet, its refrigerator, and its NMR and microwave systems. The results of some recent runs to test these upgrades will be discussed.

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